

WEST Search History

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DATE: Friday, August 05, 2005

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=USPT,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L52	L51 and ethylene glycol	2
<input type="checkbox"/>	L51	L50 and glycol	3
<input type="checkbox"/>	L50	L48 and magnesium and citric acid	3
<input type="checkbox"/>	L49	L48 and aluminum and magnesium	1
<input type="checkbox"/>	L48	L46 and sodium with (borate or boric)	4
<input type="checkbox"/>	L47	L46 and (borate or boric)	9
<input type="checkbox"/>	L46	L45 and glyoxal	82
<input type="checkbox"/>	L45	(8/\$.ccls. or 510\$.ccls.) and (formaldehyde near2 free)	214
<input type="checkbox"/>	L44	(8/\$.ccls. or 510\$.ccls.) and glyoxal and (sodium with borate) NOT formaldehyde	12
<input type="checkbox"/>	L43	(8/\$.ccls. or 510\$.ccls.) and (formaldehyde near2 free) and glyoxal and (sodium with borate)	0
<input type="checkbox"/>	L42	(8/\$.ccls. or 510\$.ccls.) and formaldehyde near2 free and glyoxal and (sodium with borate)	0
<input type="checkbox"/>	L41	L40 and citric acid	4
<input type="checkbox"/>	L40	L39 and magnesium chloride	4
<input type="checkbox"/>	L39	L32 and alum	5
<input type="checkbox"/>	L38	L36 and L35	1
<input type="checkbox"/>	L37	L36 or L35	10
<input type="checkbox"/>	L36	L32 and aluminum sulfate	2
<input type="checkbox"/>	L35	L32 and magnesium chloride	9
<input type="checkbox"/>	L34	L32 and magnesium	16
<input type="checkbox"/>	L33	L32 and aluminum	13
<input type="checkbox"/>	L32	L31 and catalyst	21
<input type="checkbox"/>	L31	L30 or L29	29
<input type="checkbox"/>	L30	8/\$.ccls. and glyoxal and (sodium with borate)	12
<input type="checkbox"/>	L29	510/\$.ccls. and glyoxal and (sodium with borate)	19
<input type="checkbox"/>	L28	L27 and sulfate	0
<input type="checkbox"/>	L27	L25 and catalyst	3
<input type="checkbox"/>	L26	L22 and ethanedial	0
<input type="checkbox"/>	L25	L23 and sodium with borate	3

<input type="checkbox"/>	L24	L23 and sodium near5 borate	3
<input type="checkbox"/>	L23	L22 and glyoxal	124
<input type="checkbox"/>	L22	((durable press) or (wrinkle)) with composition	3266
<input type="checkbox"/>	L21	L20 and aluminum and magnesium	3
<input type="checkbox"/>	L20	L18 and sulfate and chloride and citric acid	4
<input type="checkbox"/>	L19	L18 and aluminum sulfate and magnesium chloride and citric acid	0
<input type="checkbox"/>	L18	L4 and sodium near5 borate	9
<input type="checkbox"/>	L17	L16 and borate	0
<input type="checkbox"/>	L16	L4 and aluminum sulfate and magnesium chloride and citric acid and sodium	5
<input type="checkbox"/>	L15	L14	4
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L14	L13 and aluminum and magnesium	8
<input type="checkbox"/>	L13	L11 and sulfate and chloride and citric acid and sodium	11
<input type="checkbox"/>	L12	L11 and aluminum sulfate and magnesium chloride and citric acid and sodium	0
<input type="checkbox"/>	L11	L6 and borate	27
<input type="checkbox"/>	L10	L9 and borate	0
<input type="checkbox"/>	L9	L8 and citric acid and sodium	6
<input type="checkbox"/>	L8	L7 and magnesium chloride	18
<input type="checkbox"/>	L7	L6 and aluminum sulfate	30
<input type="checkbox"/>	L6	L4 and \$ethylene glycol	221
<input type="checkbox"/>	L5	L4 and ethylene glycol	188
<input type="checkbox"/>	L4	((durable press) or (wrinkle)) and glyoxal	507
<input type="checkbox"/>	L3	((durable press) or (wrinkle)) and crosslinker	514
<input type="checkbox"/>	L2	((durable press) or (wrinkle)) and (crosslinker and ethylene glycol and aluminum sulfate and magnesium chloride and citric acid and sodium clorite and (sodium hydrogen sulfate or sodium sulfate) and (sodium tetraborate or sodium peroxoborate))	0
<input type="checkbox"/>	L1	((durable press) or (wrinkle)) and (crosslinker and glyoxal and ethylene glycol and aluminum sulfate and magnesium chloride and citric acid and sodium clorite and (sodium hydrogen sulfate or sodium sulfate) and (sodium tetraborate or sodium peroxoborate))	0

END OF SEARCH HISTORY

MSDS Number: G7378 * * * * * Effective Date: 02/12/04 * * * * * Supersedes: 06/06/01

**Material Safety Data Sheet**

From: Mallinckrodt Baker, Inc.
222 Red School Lane
Phillipsburg, NJ 08865



24 Hour Emergency Telephone: 908-859-2151
CHEMTREC: 1-800-424-9300

National Response in Canada
CANUTEC: 613-998-6666

Outside U.S. And Canada
Chemtrec: 703-527-3887

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

All non-emergency questions should be directed to Customer Service (1-800-582-2537) for assistance.

GLYOXAL 40% IN WATER

1. Product Identification

Synonyms: Glyoxal, 40% aqueous; Aerotex glyoxal 40; ethanedial solution

CAS No.: 107-22-2

Molecular Weight: 58.04

Chemical Formula: C₂H₂O₂

Product Codes: M834

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
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Ethanedial	107-22-2	40%	Yes
Water	7732-18-5	60%	No

3. Hazards Identification

Emergency Overview

WARNING! HARMFUL IF SWALLOWED OR INHALED. CAUSES IRRITATION